



Bibby Offshore: Lunch and Learn

DECOM NORTH SEA - 23RD MARCH 2016

BIBBY
OFFSHORE
because we love this business™





AGENDA

- Bibby Offshore Decommissioning Track Record
- Lessons Learned Through Experience
- Enhanced Offering and Innovation

“Building on a long and successful maritime heritage, we have created a high quality, safety conscious provider of innovative values added solutions to the oil and gas industry worldwide”





“Bibby Line Group prides itself in strong family values, talented & motivated people and consistently outstanding performance”

EXTENSIVE TRACK RECORD



- CNR Well Abandonment Project 2005
- ExxonMobil Beryl & Linnhe Decommissioning 2009
- ExxonMobil Linnhe Decommissioning 2010
- Granby Tristan Decommissioning 2010
- Perenco UK Welland Field Decommissioning 2010
- Maersk Gryphon Deconstruction Project 2011
- Hess FFFA 2012
- Hess IVRR 2013
- Maersk Leadon 2014
- Endeavour Renee / Rubie 2015
- ConocoPhillips MacCulloch Decommissioning 2015
- Tullow Thames Decommissioning 2015

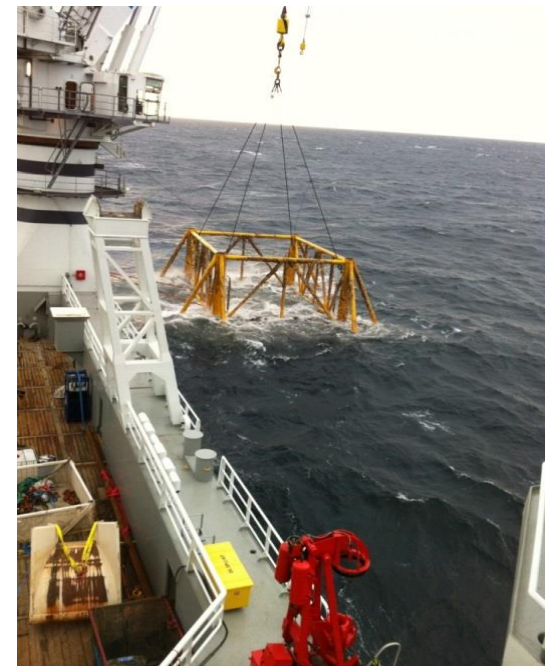
MATERIALS RECOVERED TO DATE

Items recovered	Totals
Concrete mats	1100+
Structures	40+
Flexibles	23000m+
Rigid pipe	1500m+
Flowlines	14000m+
Umbilical's	17000m+
Spools	20+
Piles cut	20+

Numerous:

- Isolations
- Flushing / degassing
- Disconnections
- Debris recovered

“A diverse and growing global business which operates across a range of industries”



INDUSTRY INVOLVEMENT



Bibby Offshore have been involved with remote decommissioning studies and a mattress removal study. Following our involvement in these we have provided support in further decommissioning initiatives.

Bibby Offshore presented - *"Providing an efficient decommissioning solution to industry"* at Decom Offshore "Decommissioning - The Economic and Operational Challenges" on 27th May 2015.

First subsea vessel contractor to join Decom North Sea and now have representation on the board and steering committees.

***"At any hour,
somewhere in the world,
Bibby Line Group will
be at work"***

A black and white photograph of a woman with blonde hair, smiling at the camera. She is wearing a light-colored work uniform with a collar. Behind her is a complex industrial control panel with numerous circular gauges, dials, and switches. The panel has a technical, metallic appearance with various labels and wiring.

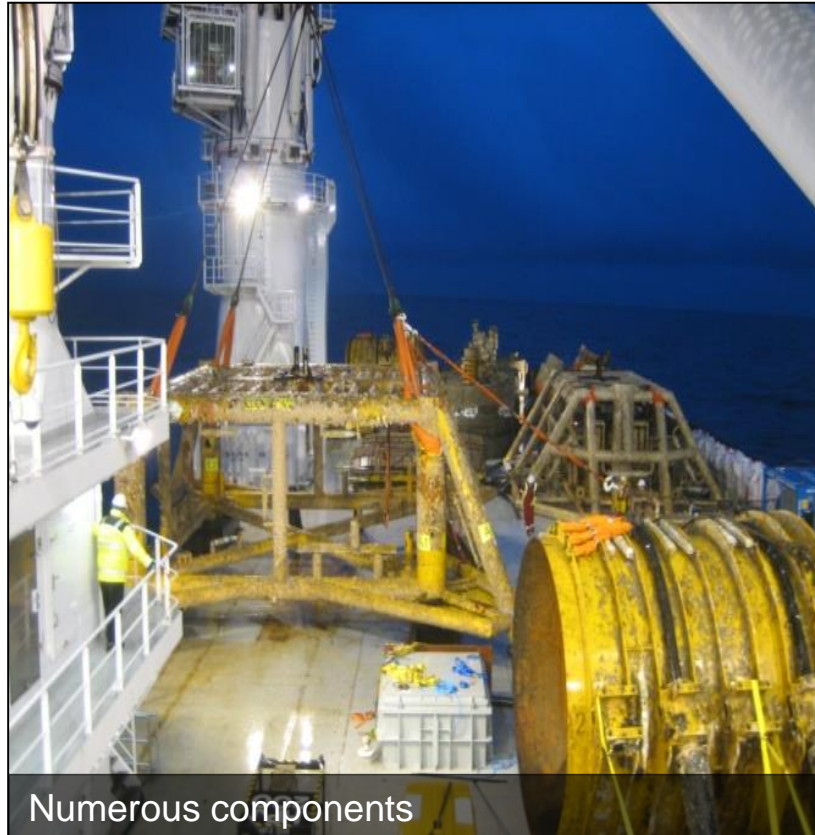
LESSONS LEARNED THROUGH EXPERIENCE



PLANNING AND EXECUTION



“We deliver a diverse range of subsea construction services and projects for clients worldwide”



Numerous components

High volume



Deck loading plan

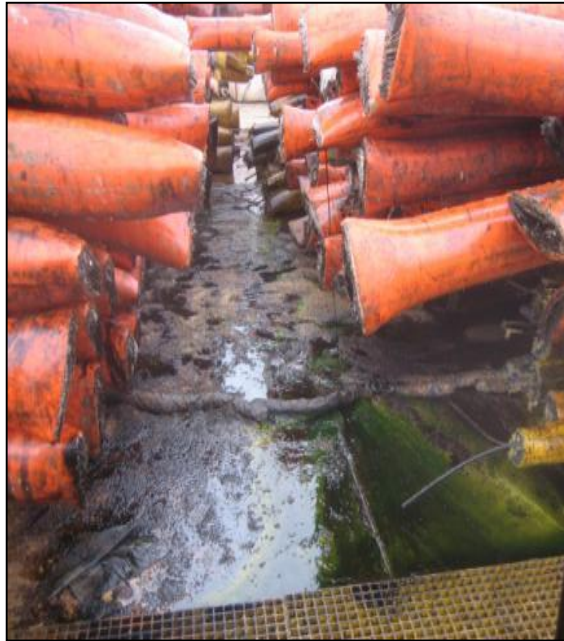






FLOWLINE RECOVERY

- Even flushed lines may contain residual hydrocarbons (trapped in high spots or coming out of walls when pressure reduced).
- Bunding must be sufficient to contain spillages and further responses (cleaning, processing) must be in place.



“Bibby Line Group are proud of the charitable achievements of it's business and employees, year on year”

NORM MONITORING



Bibby Offshore vessel personnel trained as RPA – all considerations managed in-house.



***“Bibby Line Group
prides itself in strong
family values, talented &
motivated people and
consistently outstanding
performance”***

Recording and reporting for disposal contractor and DECC reporting / OSPAR compliance.

GAS RELEASES



“A diverse and growing global business which operates across a range of industries”



Fully controlled (held in safe area whilst releasing), but major learning that even flushed lines can have pockets of gas within them.

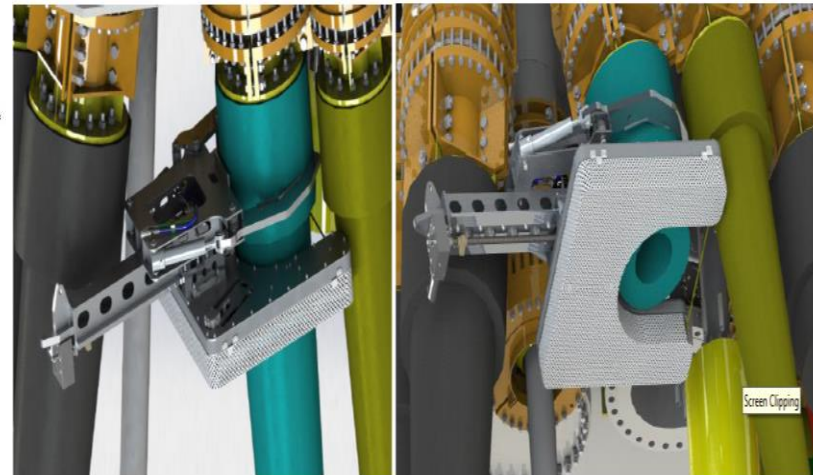
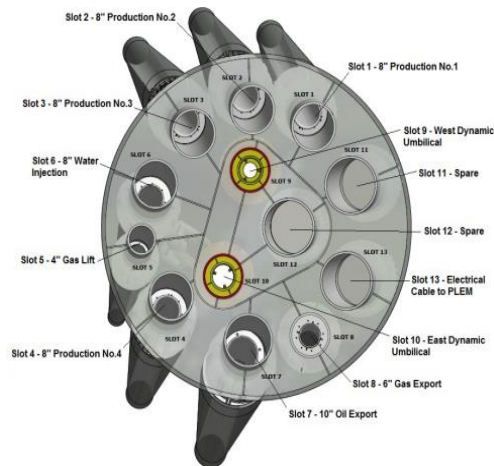
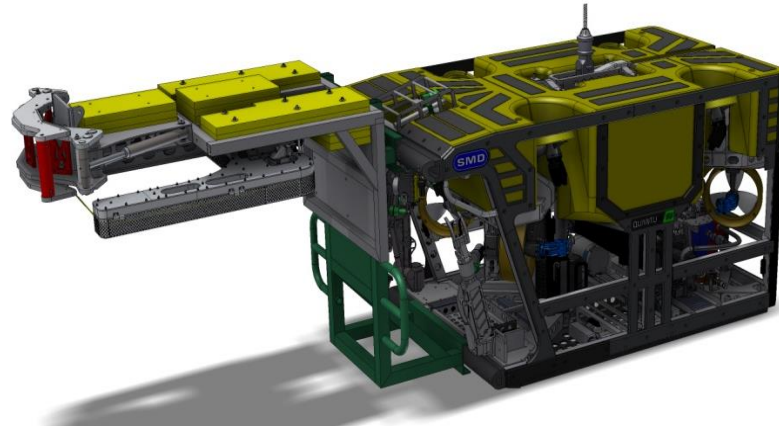
OPTIMISATION OF SERVICE PARTNERS



- Making sure we are using the most effective and cost efficient methods the industry has to offer.
- Our constant engagement with the supply chain has ensured we are aware of the most effective solutions available to us.
- Managing our subcontractors constructively gives comfort to our clients and less interfaces for them to manage.
- Relationships with key suppliers is an important factor in delivering a successful campaign.

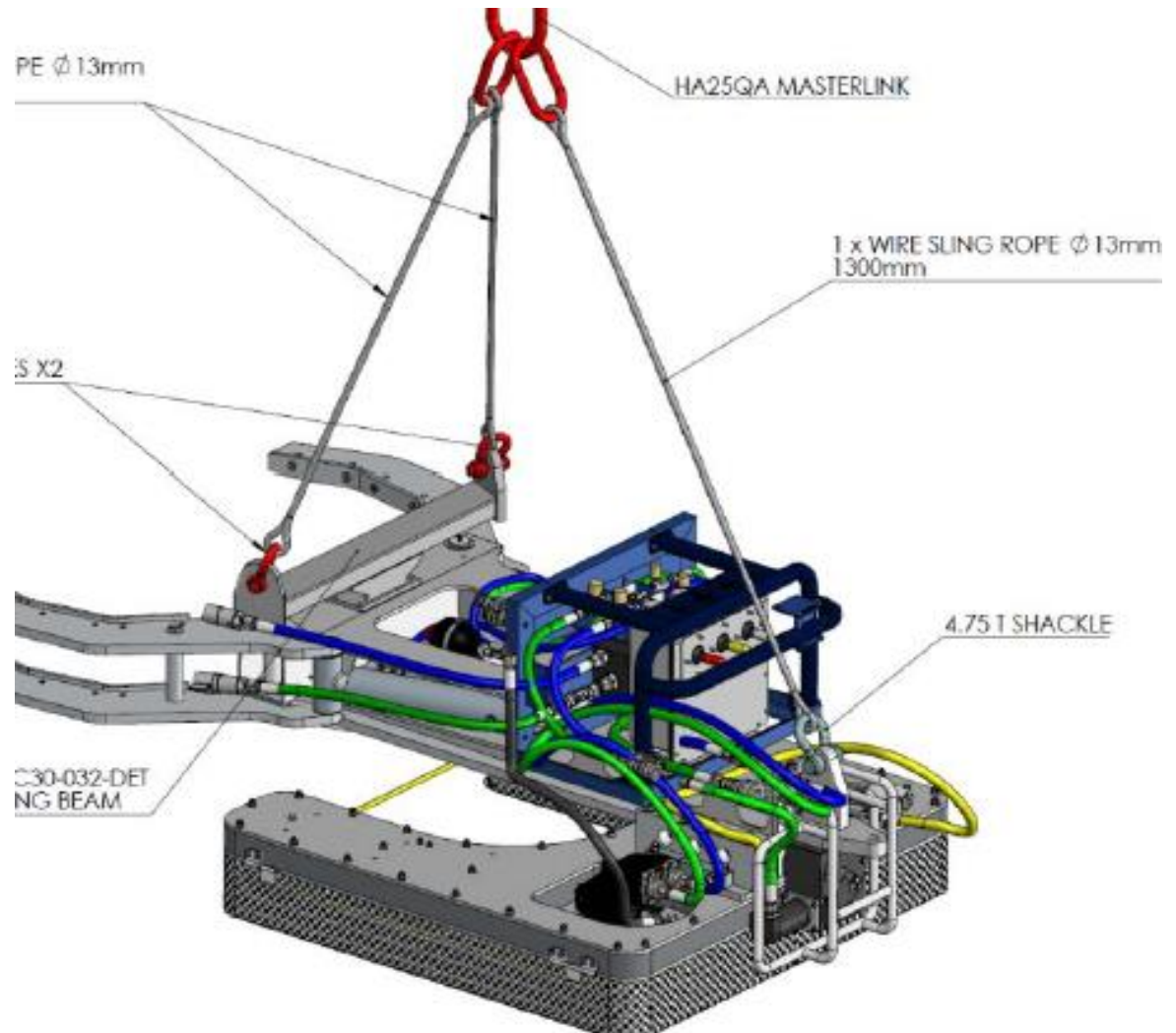
“At any hour, somewhere in the world, Bibby Line Group will be at work”

MACCULLOCH DECOMMISSIONING



*"We are right on track with
our accelerated growth
strategy"*

MACCULLOCH DECOMMISSIONING



"It is recognition of the dedication of everyone at Bibby Offshore, that we are achieving our goals."

MACCULLOCH DECOMMISSIONING



UK14027 - MacCulloch Field Decommissioning
MacCulloch Riser Disconnection
Riser & Umbilical Cutting Operations
6 Inch Gas Export Riser

27.07.2015 08:56:49
E:366806.75
N:6467151.26
QM 31
Dive 06



UK14027 - MacCulloch Field Decommissioning
MacCulloch Riser Disconnection
Riser & Umbilical Cutting Operations
6 Inch Gas Export Riser

27.07.2015 08:30:43
E:366800.23
N:6467153.77
QM 31
Dive 06



HDG:248.43
Depth:13.11
Alt:0.00



*"Every single person in
this company has an
important part to play"*



ENHANCED OFFERING AND NEW INNOVATION

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ENHANCED SURVEY AND DATA MANAGEMENT

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Existing data
catalogued in GIS

Pre-decomm
survey

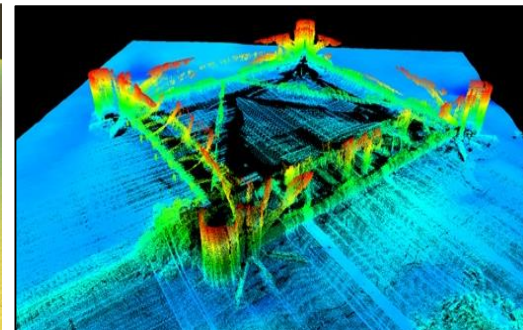
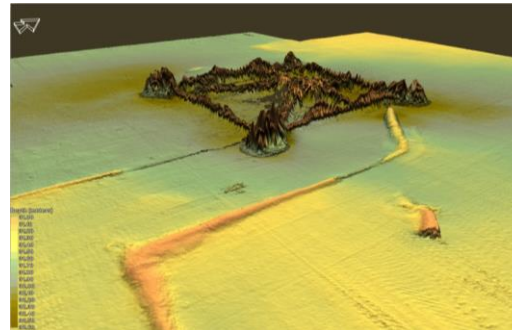
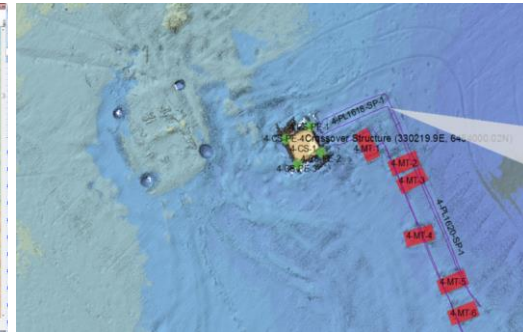
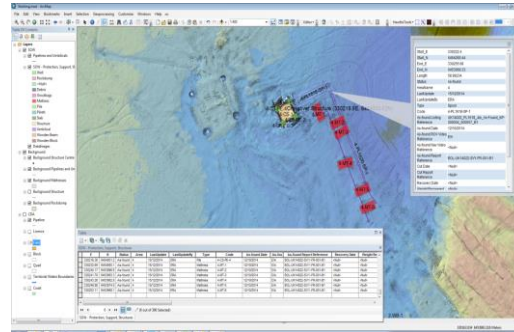
Complete Decomm
scope defined & logged

GIS used to aid planning

Efficient deliverable
generation

Structured approach
to data
management that
allows for the model
to be updated
quickly and easily
relative to the work
scope

Data can be
streamlined for
reporting to DECC or
other compliance
queries



*“80% repeat client work
over 300 safely
executed projects”*

BIBBY HYDROMAP d'ROP

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"We continue to expand internationally and execute safe and successful work scopes for our clients."



ENHANCED OFFERINGS

- **Well Abandonment**
 - Rigless Well Abandonment
 - Wellhead recovery
 - Utilising current assets
 - Collaborative offering using preferred and reputable service partners
- **Waste Disposal**
 - One stop shop for removal, recovery and disposal
 - One point of contact - reduced interfaces
 - One service contract - reduced client management
- **Vessel Sharing / USP**
 - Shared mobilisations - reducing costs
 - Piece meal recovery of redundant infrastructure lessening onus on larger campaigns
 - Campaign driven schedules - Reducing non-productive time

“We deliver a diverse range of subsea construction services and projects for clients worldwide”



THANK YOU

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